

Huntington University

Guide to Typical Programs, 2020-2024

Mathematics (B.S. Degree)

Advisor: Prof. Hoffman

Note that this is a "Typical Program." Actual programs will vary. See the Academic Catalog for official details.

Fall 2020	J-Term 2021	Spring 2021	Summer 2021
<u>MA 165:</u> <u>Intro to Discrete Mathematics</u> 3 <u>MA 171:</u> <u>Calculus I</u> 4 HS 115: Hist Persp on Cult & Civ I 3 EN 121: Academic Writing & Research 3 BT ____: Introductory Bible 3 <p style="text-align: right;">total 16</p>	Required J-Term 2 <p style="text-align: right;">total 2</p>	<u>CS 111:</u> <u>Intro to Computer Science</u> ³ 4 <u>MA 172:</u> <u>Calculus II</u> 4 HS 116: Hist Persp on Cult & Civ II 3 EN 151: Perspectives on Literature 3 EX 101: Wellness for Life 2 <p style="text-align: right;">total 16</p>	total
Fall 2021	J-Term 2022	Spring 2022	Summer 2022
<u>CH 161:</u> <u>Principles of Chemistry I</u> ² 4 <u>MA 205:</u> <u>Intro to Mathematical Proofs</u> 3 <u>MA 273:</u> <u>Calculus III</u> 4 Elective 4 <p style="text-align: right;">total 15</p>	Required J-Term 2 <p style="text-align: right;">total 2</p>	* <u>MA 371:</u> <u>Differential Equations</u> 3 CO 215: Public Speaking 3 MI 285: Understand the Christian Faith 3 Core Curriculum Social Sci 3 Elective [300+ level] ⁶ 3 <p style="text-align: right;">total 15</p>	total
Fall 2022	J-Term 2023	Spring 2023	Summer 2023
* <u>MA 431:</u> <u>Real Analysis</u> 4 PL ____: Intro to Philosophy/Ethics 3 Creative Studio Arts 1 Electives 7 <p style="text-align: right;">total 15</p>	<u>MA210:</u> <u>History of Mathematics</u> ⁴ 2 <p style="text-align: right;">total 2</p>	* <u>MA 311:</u> <u>Linear Algebra</u> 3 * <u>MA 471:</u> <u>Probability & Math Statistics</u> 4 Laboratory Science 4 Elective 4 <p style="text-align: right;">total 14</p>	total
Fall 2023	J-Term 2024	Spring 2024	Summer 2024
* <u>MA 411:</u> <u>Abstract Algebra</u> 4 <u>MA 481:</u> <u>Seminar in Mathematics</u> 1 115: Intro to AR/DM/MU/TH 2 Core Curriculum Social Sci 3 Electives [300+ level] ⁵ 5 <p style="text-align: right;">total 15</p>	total	<u>MA ____:</u> <u>Mathematics Elective</u> [300+ level] ⁴ 3 <u>MA ____:</u> <u>Mathematics Elective</u> [300+ level] ⁴ 3 BT ____: Bible Elective [300+ level] 3 Electives 6 <p style="text-align: right;">total 16</p>	total

NOTES:

- Students who take mathematics or computer science courses must demonstrate satisfactory mathematics placement scores prior to enrolling in their intended mathematics or computer science courses (*see mathematics placement policy in Catalog under Academic Information*).
- BI 161/L or PH 211/L may be taken in place of CH 161/L.
- CS 216 may be taken in place of CS 111.
- Eight hours must be taken from MA 210, 321, 351, 450, 461, or CS 325.
- Majors must be careful in selection of electives so that a sufficient number of upper division courses are taken. A minimum of 36 hours of 300+ courses is required for graduation.

*Indicates alternating year course.

Underlining indicates required for major.